

Converting Colors

YUV(67.0250, 15.7637, 30.6731)

Have a look what the booklet for
YUV(67.0250, 15.7637, 30.6731)
contains.

YUV(67.0250, 15.7637, 30.6731)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(67.0250, 15.7637,
30.6731)**

Conversions

Conversions Part 1

Format	Color
Hex	662B63
RGB	102, 43, 99
RGB Percent	40%, 17%, 39%
CMY	0.6000, 0.8314, 0.6118
CMYK	0.00, 0.58, 0.03, 0.60
HSL	303°, 41%, 28%
HSV	303°, 58%, 40%
XYZ	8.5955, 5.4534, 12.4040
YIQ	67.0250, 17.1880, 29.9240

Conversions

Conversions Part 2

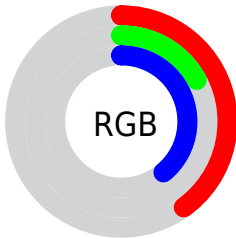
Format	Color
RYB	102, 43, 99
Decimal	6695779
CIELab	27.99, 34.82, -21.11
CIElCh	28, 40.720, 328.774
Yxy	5.4534, 0.3249, 0.2062
Android (android.graphics.Color)	4284885859 (0xFF662B63)
YUV	67.0250, 15.7637, 30.6731
Hunter-Lab	23.3525, 24.8348, -15.1459

Details

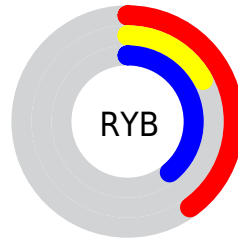
The YUV color **67.0250, 15.7637, 30.6731** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **77.9750, -15.7637, -30.6731**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.4490, 16.0476, 32.9322**, and **21.4760, 15.0483, 26.7695** is the 20% darker color. If you saturate the color by 10%, you get **61.0410, 18.2208, 35.9210**, and if you desaturate by 10%, it is **73.0090, 13.3066, 25.4251**.

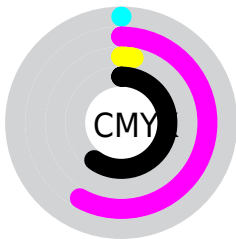
Distribution



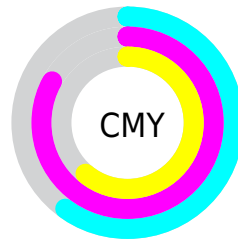
- Red (40%)
- Green (17%)
- Blue (39%)



- Red (40%)
- Yellow (17%)
- Blue (39%)



- Cyan (0%)
- Magenta (58%)
- Yellow (3%)
- Black (60%)



- Cyan (60%)
- Magenta (83%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.0250, 15.7637, 30.6731 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YUV color 67.0250, 15.7637, 30.6731 by changing the saturation by 10% instead.

67.0250, 15.7637,
30.6731

67.0250, 15.7637,
30.6731

255.0000, 0.0000,
0.0000

42.1390, 16.2005,
30.5731

117.4490, 16.0476,
32.9322

21.4760, 15.0483,
26.7695

143.2750, 16.6264,
33.9618

13.1020, 8.8237,
16.5735

170.5740, 16.4790,
34.5766

0.1140, 0.4368,
-0.1000

198.4000, 17.0578,
35.6062

0.0000, 0.0000,
0.0000

221.5410, 16.4953,
29.3435

238.5640, 8.1029,

14.4144

■ 67.0250, 15.7637,
30.6731

■ 67.0250, 15.7637,
30.6731

■ 61.0410, 18.2208,
35.9210

■ 73.0090, 13.3066,
25.4251

■ 55.1710, 21.1147,
41.0690

■ 78.8790, 10.4127,
20.2771

■ 48.6000, 23.8612,
46.8318

■ 85.4500, 7.6662,
14.5144

■ 42.7300, 26.7551,
51.9798

■ 91.3200, 4.7722,
9.3664

■ 41.5560, 27.3339,
53.0094

■ 97.3040, 2.3151,
4.1184

■ 103.1740, -0.5788,
-1.0296

■ 109.1580, -3.0359,
-6.2776

■ 115.6150, -6.2192,
-11.9404

■ 121.5990, -8.6763,
-17.1883

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.3780, 26.9286, -3.8395



67.0250, 15.7637, 30.6731



63.1170, 2.9003, 49.8864

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.0250, 15.7637, 30.6731



62.0860, -30.6084, 17.4646



57.7900, 18.3445, -50.6818

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



67.0250, 15.7637, 30.6731



77.9750, -15.7637, -30.6731

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



54.2560, 4.8038, -47.5825



67.0250, 15.7637, 30.6731



58.2140, -28.2065, -6.3267

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.0250, 15.7637, 30.6731



62.9450, -26.5949, 36.8822



49.3200, -9.0318, -43.2536



58.7650, 29.6959, -51.5369

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.0250, 15.7637, 30.6731



61.6090, -6.7092, 52.0859



49.3200, -9.0318, -43.2536



56.6500, 13.9766, -49.6820

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



67.0250, 15.7637, 30.6731



119.2710, 5.7824, 12.0403



50.6230, 25.3289, -4.0544



58.3690, 3.7621, 6.6924



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.0250, 15.7637, 30.6731



78.4260, 24.4400, 47.8614



63.7190, 3.0965, 33.5724



48.0650, 1.4470, 2.5740



46.8110, 30.6592, 59.8018



98.5780, 64.7910, 125.7811

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



67.0250, 15.7637, 30.6731



78.4260, 24.4400, 47.8614



81.2810, -3.0965, -33.5724



48.0650, 1.4470, 2.5740



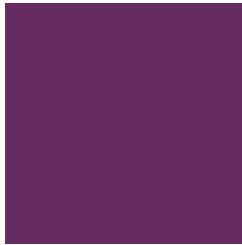
46.8110, 30.6592, 59.8018



98.5780, 64.7910, 125.7811

Previews

White Background



This preview shows how the YUV color 67.0250, 15.7637, 30.6731 looks on a white background.

Color Contrast Check

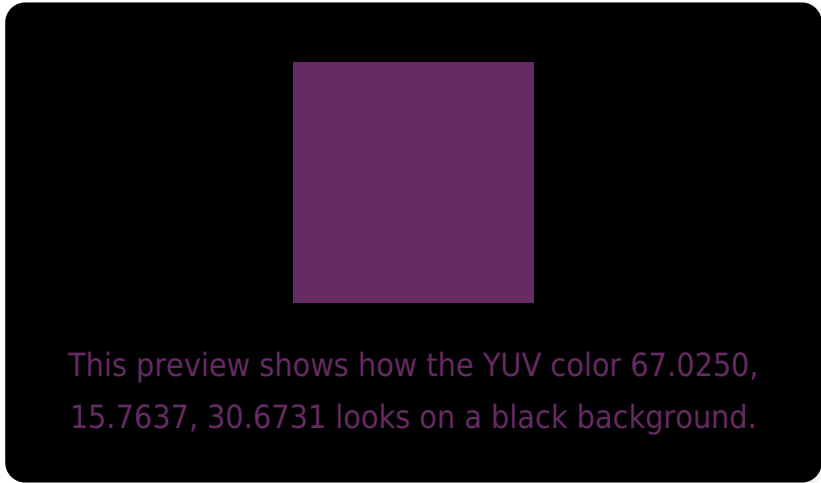
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

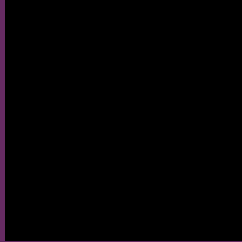
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 67.0250, 15.7637, 30.6731

Background



This preview shows how black text looks on a background with the YUV color 67.0250, 15.7637, 30.6731.



This preview shows how white text looks on a background with the YUV color 67.0250, 15.7637,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

67.0250, 15.7637, 30.6731

Protanopia

64.1650, 26.5407, -19.4387

Deuteranopia

66.3160, 14.1412, -9.0471



Tritanopia

67.3130, -4.5913, 26.0355

Trichromacy



Original Color

67.0250, 15.7637, 30.6731

Protanomaly

65.2490, 22.5552, -1.0954

Deuteranomaly

66.8170, 14.3872, 5.4225

Tritanomaly

67.2730, 2.8234, 27.8246

Monochromacy



Original Color

67.0250, 15.7637, 30.6731

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.9720, 5.9298, 11.4256

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.0250, 15.7637, 30.6731 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(102, 43, 99)` looks like.

```
.text, #text, p{  
    color:rgb(102, 43, 99)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(102, 43, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 43, 99) }
```

Border

The CSS property to change the border of an element to YUV 67.0250, 15.7637, 30.6731 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(102, 43, 99) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(102, 43, 99) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(102, 43, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 43, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 43, 99);  
box-shadow:4px 4px 4px 4px rgb(102, 43,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 67.0250, 15.7637, 30.6731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 43, 99) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(102, 43,  
99) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor